

L Number	Hits	Search Text	DB	Time stamp
1	5	patzke-jurgen-.in.	USPAT; US-PGPUB	2003/08/27 14:51
2	6035	platelet\$1 near5 (aggregat\$3 or agglutinat\$3)	USPAT; US-PGPUB	2003/08/27 14:51
3	0	(platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same nonstir\$4	USPAT; US-PGPUB	2003/08/27 14:51
4	390	(platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same stir\$4	USPAT; US-PGPUB	2003/08/27 14:52
5	19	((platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same stir\$4) same continuous	USPAT; US-PGPUB	2003/08/27 14:56
6	74459	(stir\$4 or shak\$3 or agitat\$3 or vibrat\$3 or mix\$4) near5 (without or absen\$2)	USPAT; US-PGPUB	2003/08/27 14:59
7	13	(platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same ((stir\$4 or shak\$3 or agitat\$3 or vibrat\$3 or mix\$4) near5 (without or absen\$2))	USPAT; US-PGPUB	2003/08/27 15:03
8	185	(platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same phase\$1	USPAT; US-PGPUB	2003/08/27 15:04
9	1234370	stir\$4 or mix\$4 or shak\$4 or vibrat\$3 or agitat\$3	USPAT; US-PGPUB	2003/08/27 15:08
10	25	((platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same phase\$1) same (stir\$4 or mix\$4 or shak\$4 or vibrat\$3 or agitat\$3)	USPAT; US-PGPUB	2003/08/27 15:05
11	926650	stir\$4 or mixing or mix or shak\$4 or vibrat\$3 or agitat\$3	USPAT; US-PGPUB	2003/08/27 15:08
12	140	(stir\$4 or mixing or mix or shak\$4 or vibrat\$3 or agitat\$3) and ((platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same phase\$1)	USPAT; US-PGPUB	2003/08/27 15:08
13	10	(stir\$4 or mixing or mix or shak\$4 or vibrat\$3 or agitat\$3) same ((platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same phase\$1)	USPAT; US-PGPUB	2003/08/27 15:11
14	390	(platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same stir\$4	USPAT; US-PGPUB	2003/08/27 15:11
15	8	((platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same stir\$4) and 436/69.cc1s.	USPAT; US-PGPUB	2003/08/27 15:21

Search History

DATE: Wednesday, August 27, 2003 [Printable](#)
[Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u>
side by side			result set
	<i>DB=JPAB,EPAB,DWPI,TDBD;</i>		
	<i>PLUR=YES; OP=ADJ</i>		
<u>L16</u>	platelet\$1 same (aggregat\$3 or agglutinat\$3)	6085	<u>L16</u>
<u>L15</u>	L14 not (l10 or l11)	25	<u>L15</u>
<u>L14</u>	17 and light	30	<u>L14</u>
<u>L13</u>	17 and turbidometric	0	<u>L13</u>
<u>L12</u>	17 and (macroaggregate\$1 or microaggregate\$1)	1	<u>L12</u>
<u>L11</u>	L10 not l9	15	<u>L11</u>
<u>L10</u>	17 and continuous\$2	17	<u>L10</u>
<u>L9</u>	L8 and (ristocetin or collagen or adp or epinephrine or arachidonic)	17	<u>L9</u>
<u>L8</u>	17 and (without or absence)	74	<u>L8</u>
	14 and (stir\$4 or mix\$4 or		

<u>L7</u>	agitat\$3 or shak\$3 or vibrat\$1 or centrifug\$5 or ultrasound)	754	<u>L7</u>
<u>L6</u>	l4 and (continuous\$2 adj stir\$4)	2	<u>L6</u>
<u>L5</u>	L4 and nonstir\$4	0	<u>L5</u>
<u>L4</u>	platelet and (aggregat\$3 or agglutinat\$3)	6126	<u>L4</u>
<u>L3</u>	L2 and platelet\$1	4	<u>L3</u>
<u>L2</u>	patzke-\$.in.	91	<u>L2</u>
<u>L1</u>	patzke-j-\$.in.	0	<u>L1</u>

END OF SEARCH HISTORY

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(FILE 'HOME' ENTERED AT 12:08:28 ON 27 AUG 2003)

FILE 'CAPLUS, CAOLD, MEDLINE, BIOSIS' ENTERED AT 12:08:40 ON 27 AUG 2003
E PATZKE JURGEN/AU

L1 1 S E3
L2 99748 S PLATELET? AND (AGGREGAT? OR AGGLUTINAT?)
L3 1272 S L2 AND STIR?
L4 9 S L2 AND CONTINUOUS STIR?
L5 4 S L4 AND (ABSENCE OR WITHOUT)
L6 2 DUP REMOV L5 (2 DUPLICATES REMOVED)
L7 3892 S L2 AND (STIR? OR MIX? OR VIBRAT? OR AGITAT?)
L8 588 S L7 AND (ABSENCE OR WITHOUT)
L9 0 S L8 AND MACROAGGREGATE?
L10 0 S L8 AND REACTION PHASE?
L11 269945 S (STIR? OR MIX? OR VIBRAT? OR AGITAT?) (P) (ABSENCE OR WITHOUT
L12 97805 S PLATELET? (P) (AGGREGAT? OR AGGLUTINAT?)
L13 11 S L8 AND CONTINUOUS
L14 9 DUP REMOV L13 (2 DUPLICATES REMOVED)
L15 7 S L14 NOT L6
L16 37609 S L2 AND (RISTOCETIN OR COLLAGEN OR ADP OR EPINEPHRINE OR ARAC
L17 1590 S L7 AND (RISTOCETIN OR COLLAGEN OR ADP OR EPINEPHRINE OR ARAC
L18 318 S L17 AND (ABSENCE OR WITHOUT)
L19 5 S L18 AND CONTINUOUS
L20 3 DUP REMOV L19 (2 DUPLICATES REMOVED)
L21 0 S L7 AND LESS VIOGOROUSLY
L22 165 S L8 AND MEASUR?
L23 92 S L18 AND MEASUR?
L24 1 S L23 AND CONTINUOUS

L15 ANSWER 6 OF 7 MEDLINE on STN
AN 90296375 MEDLINE
DN 90296375 PubMed ID: 2360233
TI The maintenance of **platelet** properties upon limited discontinuation of **agitation** during storage.
AU Moroff G; George V M
CS American Red Cross, Jerome H. Holland Laboratory, Rockville, Maryland.
SO TRANSFUSION, (1990 Jun) 30 (5) 427-30.
Journal code: 0417360. ISSN: 0041-1132.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199007
ED Entered STN: 19900907
Last Updated on STN: 19900907
Entered Medline: 19900731
AB **Platelet** concentrates are routinely stored with **continuous agitation** but may need to be maintained **without agitation** for substantial time periods. Studies were conducted *in vitro* to assess the retention of **platelet** properties after the discontinuation of **agitation**.
Platelets were maintained **without agitation** in an insulated cardboard container. In one study, **platelet** concentrates were kept at 20 to 24 degrees C for the entire 24-hour period. In another study, they were kept at 37 degrees C for 6 hours with subsequent storage at ambient room temperature for the remainder of the 24-hour holding period. Under the simulated shipping conditions, discontinuation of **agitation** for 24 hours between Days 2 and 3 of a 7-day storage period minimally influenced the maintenance of a series of *in vitro* **platelet** properties. The maintenance of **platelet** concentrates at 20 to 24 degrees C, sitting undisturbed on a bench top for 9 hours, after storage for 6 days with **continuous agitation**, also had no damaging influence.